

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	38279	((N) or (amino)) adj (terminus or termini or terminal)	USPAT	OR	OFF	2006/04/05 17:12
L2	10	I1 near6 streptokinase	USPAT	OR	OFF	2006/04/05 17:12
L3	102	I1 near6 flexible	USPAT	OR	OFF	2006/04/05 17:13
L4	0	I2 and I3	USPAT	OR	OFF	2006/04/05 17:13

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NEWS 21	MAR 08	X.25 communication option no longer available after
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NEWS 22 MAR 22 EMBASE is now updated on a daily basis  
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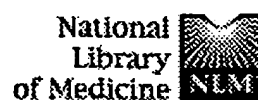
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L1      408080 (N OR AMINO) (W) (TERMINUS OR TERMINI OR TERMINAL)
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=> s l1 (6A) streptokinase
L2      67 L1 (6A) STREPTOKINASE
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=> s L1 (6A) flexible
L3      1062 L1 (6A) FLEXIBLE
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=> s l2 and l3
L4      0 L2 AND L3
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### **Streptokinase is a flexible multi-domain protein.**

**Damaschun G, Damaschun H, Gast K, Gerlach D, Misselwitz R, Welfle H, Zirwer D.**

Max-Delbrück-Zentrum für Molekulare Medizin, Berlin-Buch,  
Federal Republic of Germany.

The structure of streptokinase in solution has been studied by dynamic light scattering, small-angle X-ray scattering and circular dichroism spectroscopy. The Stokes' radius and radius of gyration of the protein monomer are 3.58 nm and 4.03 nm, respectively. The maximum intraparticle distance of the molecule is 14 nm. More than half of the amino acids of the molecule are organized in regular secondary structures. The X-ray scattering curve, the results from dynamic light scattering, and the finding that at least 50% of the amino acid residues are organized in regularly folded secondary structures are consistent with the following structural model. Streptokinase consists of four compact, separately folded, domains linked by mobile segments of the protein chain. The molecule exhibits the conformation of a flexible string-of-beads in solution.

PMID: 1313757 [PubMed - indexed for MEDLINE]

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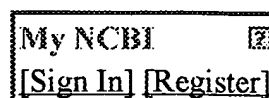
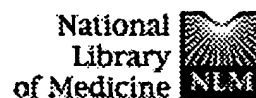
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20555	((fusion or chimeric) adj (protein)) or chimera	USPAT	OR	OFF	2006/04/05 15:42
L2	1574	(both near4 (N-terminal or N-terminus))	USPAT	OR	OFF	2006/04/05 15:43
L3	1437	(both near4 (C-terminal or C-terminus))	USPAT	OR	OFF	2006/04/05 15:43
L4	22	l1 near8 l2	USPAT	OR	OFF	2006/04/05 15:43
L5	28	l1 near8 l3	USPAT	OR	OFF	2006/04/05 15:44
L6	14	l4 and l5	USPAT	OR	OFF	2006/04/05 15:44
L7	13	l6 and (target or targeting or targeted)	USPAT	OR	OFF	2006/04/05 15:44



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Items 161 - 174 of 174

Previous Page 9 of 9

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Microbiol Immunol. 1995;39(12):1015-9.  
PMID: 8789063 [PubMed - indexed for MEDLINE]☐ 162: Zhang H, Komano H, Fuller RS, Gandy SE, Frail DE. Related Articles, LinksProteolytic processing and secretion of human beta-amyloid precursor protein in yeast. Evidence for a yeast secretase activity.  
J Biol Chem. 1994 Nov 11;269(45):27799-802.  
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Proc Natl Acad Sci U S A. 1994 Oct 11;91(21):9818-22.  
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J Biol Chem. 1994 Jun 17;269(24):16909-19.  
PMID: 8207013 [PubMed - indexed for MEDLINE]☐ 165: Zdanovsky AG, Zdanovskaia MV, Sidorov AV, Malyushova VV, Zverev VV, Andzhaparidze OG, Debabov VG. Related Articles, LinksConstruction and expression in Escherichia coli of hybrid genes composed of sequences encoding diphtheria toxin and human CD4 receptor.  
Gene. 1994 Feb 11;139(1):77-81.  
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J Biol Chem. 1993 Apr 15;268(11):7692-8.



PMID: 8463298 [PubMed - indexed for MEDLINE]

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Molecular cloning and characterization of two genes encoding gp138, a cell surface glycoprotein involved in the sexual cell fusion of Dictyostelium discoideum.

Dev Biol. 1993 Mar;156(1):201-8.

PMID: 7680629 [PubMed - indexed for MEDLINE]

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In vitro assembly of apophytochrome and apophytochrome deletion mutants expressed in yeast with phycocyanobilin.

Proc Natl Acad Sci U S A. 1991 Dec 1;88(23):10392-6.

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Membrane topology analysis of Escherichia coli mannitol permease by using a nested-deletion method to create mtlA-phoA fusions.

Proc Natl Acad Sci U S A. 1991 Nov 1;88(21):9603-7.

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- ☐ 170: [Parente MG, Chung LC, Ryyanen J, Woodley DT, Wynn KC, Bauer EA, Mattei MG, Chu ML, Uitto J.](#) [Related Articles, Links](#)



Human type VII collagen: cDNA cloning and chromosomal mapping of the gene.

Proc Natl Acad Sci U S A. 1991 Aug 15;88(16):6931-5.

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- ☐ 171: [Smith AD, Wilson JE.](#) [Related Articles, Links](#)



Disposition of mitochondrially bound hexokinase at the membrane surface, deduced from reactivity with monoclonal antibodies recognizing epitopes of defined location.

Arch Biochem Biophys. 1991 Jun;287(2):359-66.

PMID: 1716867 [PubMed - indexed for MEDLINE]

- ☐ 172: [Kim SC, Posfai G, Szybalski W.](#) [Related Articles, Links](#)



A novel gene-fusing vector: construction of a 5'-GGmCC-specific chimeric methyltransferase, M.BspRI/M.BsuRI.

Gene. 1991 Apr;100:45-50.

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Biochemical and genetic analysis of a maltopentaose-producing amylase from an alkaliphilic gram-positive bacterium.

Eur J Biochem. 1990 Jul 20;191(1):177-85.

PMID: 1696201 [PubMed - indexed for MEDLINE]

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The replication initiator protein of plasmid R6K tagged with beta-galactosidase



shows sequence-specific DNA-binding.

Cell. 1983 Jan;32(1):131-40.

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